

**2016 - 2017 Old Dominion University Catalog**  
**Bachelor of Science in Ocean and Earth Science**  
**(Earth Science Education Concentration) (w/ VCCS Equivalencies)**

*Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.  
 \* indicates not automatically waived with transferrable associates degree, C or better required for transfer.  
 Courses in green are waived by the completion of an Associate degree (Not eligible for Applied Associate degrees).*

**YEAR 1 - FRESHMAN (29 CREDITS)**

FALL SEMESTER (15 credits)		SPRING SEMESTER (14 credits)	
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
MATH 211 (4 credits)	MTH 173 or 273*	ENGL 211C or 231C	ENG 112, 210, 115 or 131*
ENGL 110C	ENG 111*	<span style="color: green;">Human Creativity</span>	<a href="#">Transfer Guide</a>
<span style="color: green;">Language and Culture I</span> (May be waived, see catalog for details)	<a href="#">Transfer Guide</a>	<span style="color: green;">Language and Culture II</span> (May be waived, see catalog for details)	<a href="#">Transfer Guide</a>
BIOL 121N & 122N (4 credits)	<a href="#">Transfer Guide*</a>	OEAS 111N (4 credits)	GOL 105*
<u>Professional Education Coursework:</u>		<u>Professional Education Coursework:</u>	
STEM 101 (1 credit)		STEM 102 (1 credit)	

**YEAR 2 - SOPHOMORE (32 CREDITS)**

FALL SEMESTER (15 credits)		SPRING SEMESTER (17 credits)	
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 121N and 122N (4 credits)	CHM 111*	CHEM 123N and 124N (4 credits)	CHM 112*
PHYS 111N (4 credits)	PHY 201*	<span style="color: green;">Interpreting the Past</span>	<a href="#">Transfer Guide</a>
OEAS 112N (4 credits)	GOL 106*	<span style="color: green;">Human Behavior</span>	<a href="#">Transfer Guide</a>
		PHYS 112N (4 credits)	PHY 202*
<u>Professional Education Coursework:</u>		<u>Professional Education Coursework:</u>	
STEM 201		STEM 202	

**YEAR 3 - JUNIOR (37 CREDITS)**

FALL SEMESTER (15 credits)		SPRING SEMESTER (16 credits)	SUMMER SEMESTER (6 credits)
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>General Education and Major Coursework:</u>
OEAS 303		OEAS 314 (4 credits)	OEAS 344W
OEAS 313		OEAS 306	<span style="color: green;">Literature</span>
STAT 310		OEAS 443	
OEAS 310		Select one sequence: OEAS 441 & 442W or OEAS 444 & 445	
<span style="color: green;">Philosophy and Ethics</span>	<a href="#">Transfer Guide</a>	<u>Professional Education Coursework:</u>	
		SCI 468	

**YEAR 4 - SENIOR (27 CREDITS)**

FALL SEMESTER (15 credits)		SPRING SEMESTER (12 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major and Professional Education Coursework:</u>	<u>VCCS Equivalency:</u>
<span style="color: green;">Information Literacy and Research</span>	<a href="#">Transfer Guide</a>	STEM 402	
<span style="color: green;">Impact of Technology</span>	<a href="#">Transfer Guide</a>	STEM 485	
<u>Major Coursework:</u>			
PHYS 408			
If OEAS 441 completed, OEAS 442W required.			
If OEAS 444 completed, OEAS 445 required.			
<u>Professional Education Coursework:</u>			
STEM 401			

Students are encouraged to utilize their summers to ensure graduation in four years.

Language and Culture may be waived, see ODU catalog for exemptions.

Oral Communication requirement is met with OEAS 441 or 444.

Note: Upper division general education (minor) is satisfied through the Professional Education courses.

Requirements for graduation include a minimum cumulative grade point average of 2.75 GPA, in the major area, and in the professional education core, with no grade less than a C in the major and C- in the professional education core; successful completion of the Teacher Candidate Internship and a minimum of 123 credit hours, which must include both a minimum of 31 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or 221C or 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.

Please refer to the catalog for information regarding requirements for admissibility to the teacher preparation program.